

**SECRET**DPD-1101-59  
Copy 1 of 3

18 February 1959

## MEMORANDUM FOR THE RECORD

SUBJECT : Report of trip to HRB State College, Pa. on 12-13 Feb. 1959.

1. A trip was made to HRB for the purpose of determining the status of System VII and the extent of any problems encountered.

2. HRB is still promising delivery of the system on 2 March and from all indications this date will be met. All engineering problems have been solved and the remaining work consists principally of assembly of components and cabling and interconnecting all units on the "A" frame.

3. The problem of adding a second recorder to the system was resolved during this visit. By rearranging the layout of a number of units on the "A" frame, space was found in which to locate the second recorder and capstan power supply. With the exception of the capstan power supply, all other electronics will be automatically switched from one recorder to the other when the tape supply is exhausted on the first recorder. The addition of the second recorder will provide for a total of 24 minutes recording time as opposed to the original 12 minutes.

4. System sensitivity is running at about the level as originally estimated, ie. -103 dbm for recorder turn-on and approximately -95 dbm for good solid breakout. In an excessively noisy electrical environment, these figures would be degraded accordingly. It is hoped that the current noise reduction program will reduce the noise level to an acceptable value.

5. As of this date the system will be ready for delivery at HRB on 2 March. By the end of the second week in March the system should have been delivered to Edwards and thoroughly bench-checked, ready for installation in the aircraft. The date of installation hinges on the progress of the noise reduction program, but assuming all goes well, the system should be ready for flight test late in March.



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Orig. - [ ]  
2. - Trip Report  
3. - Chrono

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**SECRET**

25 YEAR RE-REVIEW

SENDER WILL CHECK CLASSIFICATION ON TOP AND BOTTOM			
UNCLASSIFIED		CONFIDENTIAL	
		SECRET	
CENTRAL INTELLIGENCE AGENCY OFFICIAL ROUTING SLIP			
TO	ADDRESS	INITIALS	DATE
1		<i>JS</i>	2-27
2		<i>R.H.</i>	2-27
3		<i>SM</i>	
4		<i>(10)</i>	3/3/59
5			
6			
ACTION		DIRECT REPLY	PREPARE REPLY
APPROVAL		DISPATCH	RECOMMENDATION
COMMENT		FILE	RETURN
CONCURRENCE		INFORMATION	SIGNATURE
Remarks:			
<p><i>Jack - is [redacted] at Edwards</i>  <i>aware of imminent arrival of</i>  <i>equipment. Is LSC prepared to</i>  <i>do installation. Also please</i>  <i>notify OPR so that status</i>  <i>Board can be brought up to</i>  <i>date</i></p>			
FROM: NAME, ADDRESS AND PHONE NO.			DATE
UNCL.		CONFIDENTIAL	SECRET

FORM NO. 237  
1 APR 55 Replaces Form 30-4  
which may be used.

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